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APR 2 6 2004

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FACSIMILE COVER SHEET

DATE:

April 26, 2004

FILE NO:

AMAT/4582/CMP/ECP/RKK

TO:

Examiner Robert R. Koehler

FAX NO:

703-872-9306

PHONE NO:

571-272-1535

COMPANY:

USPTO

FROM:

Robb D. Edmonds

PAGE(S) with cover:

5

ORIGINAL TO

FOLLOW?

☐ YES ⊠ NO

RESPONSE TO FINAL OFFICE ACTION DATED FEBRUARY 24, 2004

TITLE:

METHOD AND APPARATUS TO OVERCOME ANOMALIES

IN COPPER SEED LAYERS AND TO TUNE FOR FEATURE

SIZE AND ASPECT RATIO

U.S. SERIAL NO.:

09/853,962

FILING DATE:

MAY 10, 2001

INVENTOR:

HEY, ET AL.

EXAMINER:

ROBERT R. KOEHLER

GROUP ART UNIT:

1775

CONFIRMATION NO.: 6593

. 6502

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PAGE 1/7 * RCVD AT 4/26/2004 4:02:03 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-1/7 * DNIS:8729306 * CSID:+7136234846 * DURATION (mm-ss):02-16

PATENT

Atty. Dkt. No. AMAT/4582/CMP/ECP/RKK

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Application of:

Hey, et al.

Serial No.: 09/853,962

Confirmation No.: 6593

Filed:

May 10, 2001

For:

Method and Apparatus to Overcome Anomalies in Copper Seed Layers and to

Tune for Feature Size and

Aspect Ratio

MAIL STOP AFTER FINAL Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Group Art Unit: 1775

Examiner:

Robert R. Koehler

CERTIFICATE OF FACSIMILE TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence and the documents referred to as attached therein are being facsimile transmitted on April 26, 2004 to the U.S. Patent and Trademark Office to the fax number indicated by the Examiner, namely, fax number 703-872-9306 to the attention of the named Examiner, on the date below

RESPONSE TO FINAL OFFICE ACTION DATED FEBRUARY 24, 2004

In response to the Final Office Action dated February 24, 2004, having a shortened statutory period for response set to expire on May 24, 2004, please enter this response and reconsider the claims pending in the application for reasons discussed below. Although Applicant believes that no additional fees are due in connection with this response, the Commissioner is hereby authorized to charge counsel's Deposit Account No. 20-0782/AMAT/4582/KMT, for any fees, including extension of time fees or excess claim fees, required to make this response timely and acceptable to the Office.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper. Remarks/Arguments begin on page 5 of this paper.

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